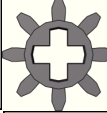


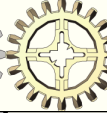
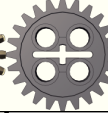

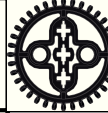
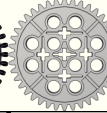
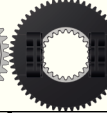
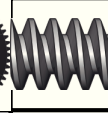







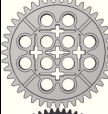



		DRIVER GEAR									
											
FOLLOWER GEAR		1:1	1:1.5	1:2	1:2.5	1:3	1:3.5	1:4.5	1:5	1:7	8:1
		1.5:1	1:1	1:1.33	1:1.67	1:2	1:2.33	1:3	1:3.33	1:4.76	12:1
		2:1	1.33:1	1:1	1:1.25	1:1.5	1:1.75	1:2.25	1:2.5	1:3.5	16:1
		2.5:1	1.67:1	1.25:1	1:1	1:1.2	1:1.4	1:1.8	1:2	1:2.8	20:1
		3:1	2:1	1.5:1	1.2:1	1:1	1:1.17	1:1.5	1:1.67	1:2.33	24:1
		3.5:1	2.33:1	1.75:1	1.4:1	1.17:1	1:1	1:1.29	1:1.43	1:2	28:1
		4.5:1	3:1	2.25:1	1.8:1	1.5:1	1.29:1	1:1	1:1.11	1:1.56	36:1
		5:1	3.33:1	2.5:1	2:1	1.67:1	1.43:1	1.11:1	1:1	1:1.4	40:1
		7:1	4.67:1	3.5:1	2.8:1	2.33:1	2:1	1.56:1	1.4:1	1:1	56:1

GEAR RATIOS TABLE by Sariel. Available for free at sariel.pl/downloads. Not for sale.

GREEN marks acceleration (more speed, less torque), RED marks reduction (less speed, more torque).

HOW TO USE:

Select your driven gear from the upper row, then select your follower gear from the left column and see where they cross. The value in the field where they cross is your gear ratio written driver:follower.

For example:

1:2 means one rotation of the driver gear causes two rotations of the follower gear. This is acceleration - the speed is increased 2 times, the torque is decreased 2 times. You get double speed but half of the torque.

2:1 means two rotations of the driver gear cause one rotation of the follower gear. This is reduction - the speed is decreased 2 times, the torque is increased 2 times. You get half of the speed but double torque.

Note that the worm gear is missing from the followers column because it can only work as a driver gear. Also, some combinations of the gears presented in this table are impossible, but the ratios are shown anyway just for your information.

Visit gears.sariel.pl for a complete online gear ratio calculator.